

Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody
Goat Polyclonal, Peroxidase (Horseradish)
Catalog # ASR2046**Specification****Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Product Information**

Description	Anti-HUMAN IgM (mu chain) (GOAT) Antibody Peroxidase Conjugated
Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Human
Clonality	Polyclonal
Application	,1,10,15,
Application Note	ELISA 1:180,000;Western Blot 1:2,000-1:20,000;Immunochemistry 1:500-1:2,500
Physical State	Lyophilized
Host Isotype	IgG
Target Isotype	IgM μ chain
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Human IgM mu heavy chain
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Additional Information**Shipping Condition**

Ambient

Purity

Human IgM (mu chain) Antibody, Peroxidase Conjugated, was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Human IgM and Human Serum. Specificity was confirmed by ELISA minimal cross-reactivity against other human heavy or light chain isotypes.

Storage Condition

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Protein Information**Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Images**Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Background**

Human IgM (mu chain) Antibody, Peroxidase Conjugated detects IgM. Immunoglobulin M, or IgM, is an antibody produced by B cells. IgM is a pentamer composed of 5 immunoglobulin molecules linked through their F(c) domain by the J chain. The mu chain is the heavy chain of IgM and contains an F(c) domain. IgM is the first antibody to appear in response to initial exposure to antigen, followed by IgG. The spleen is the major site of specific IgM production, IgM in normal serum is often found to bind to specific antigens, even in the absence of prior immunization making it a first line of immune surveillance.